

Figure 50. Elderberry density at all sites compared to those with VELB exit holes.

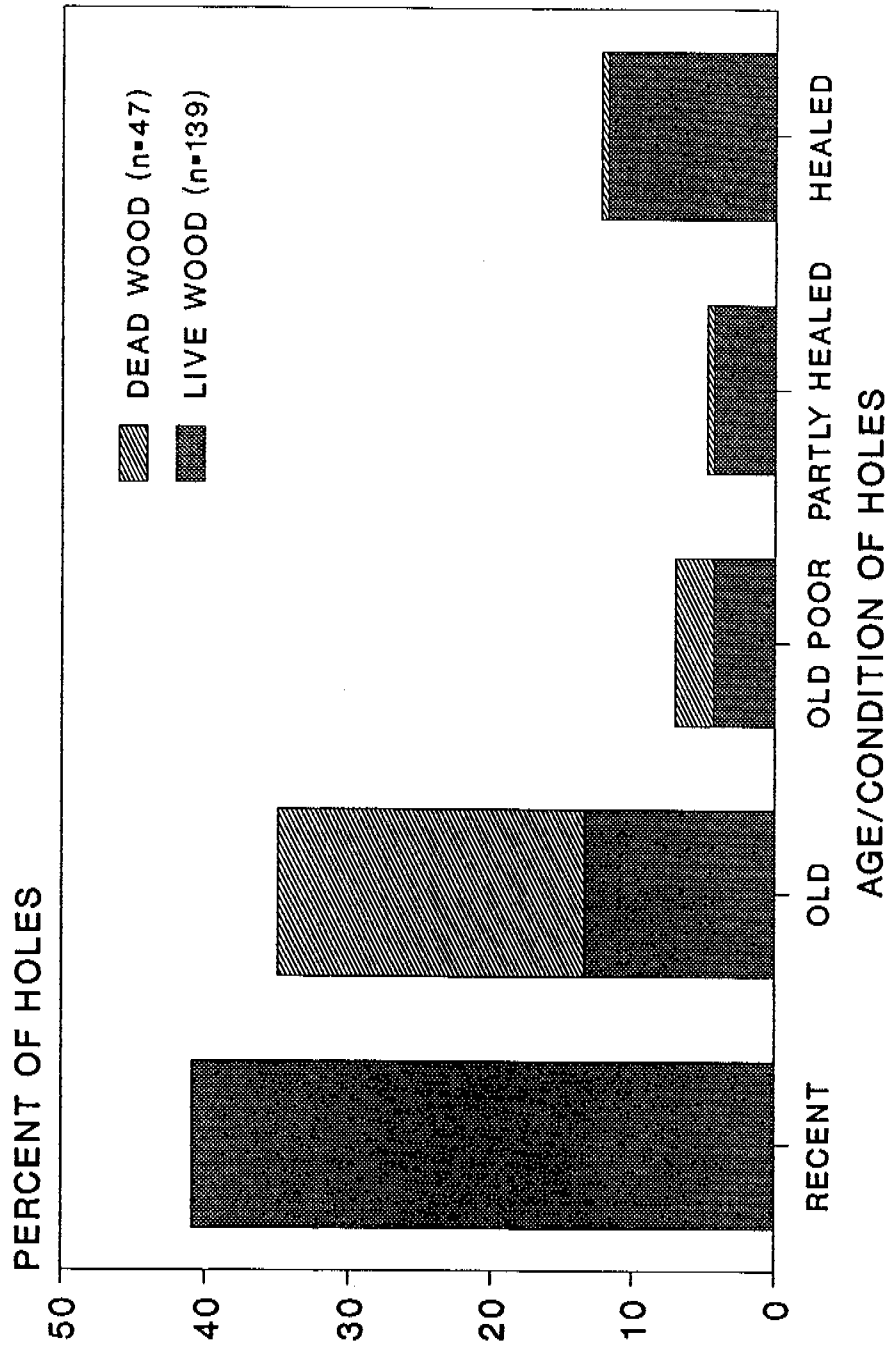


Figure 51. The age/condition of VELB exit holes examined in live and dead wood.

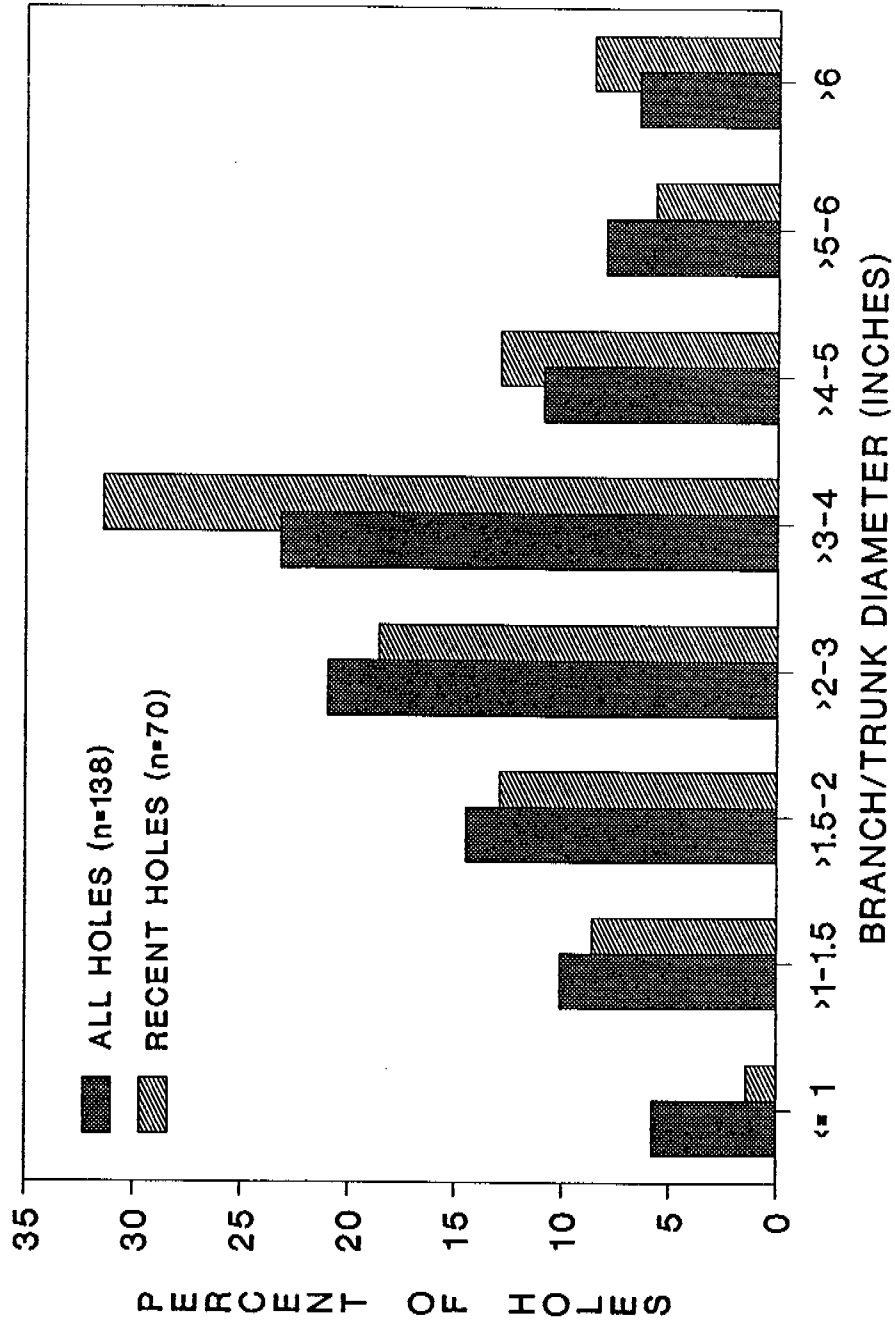


Figure 52. The size distribution of branch/trunk diameters at VELB exit holes.



Figure 53. VELB gallery and exit hole in a 0.7 inch diameter dead branch (Site #78); note the large percentage of pith.



Figure 54. VELB gallery in a 0.6 inch diameter dead branch (Site #75); note the large percentage of pith.

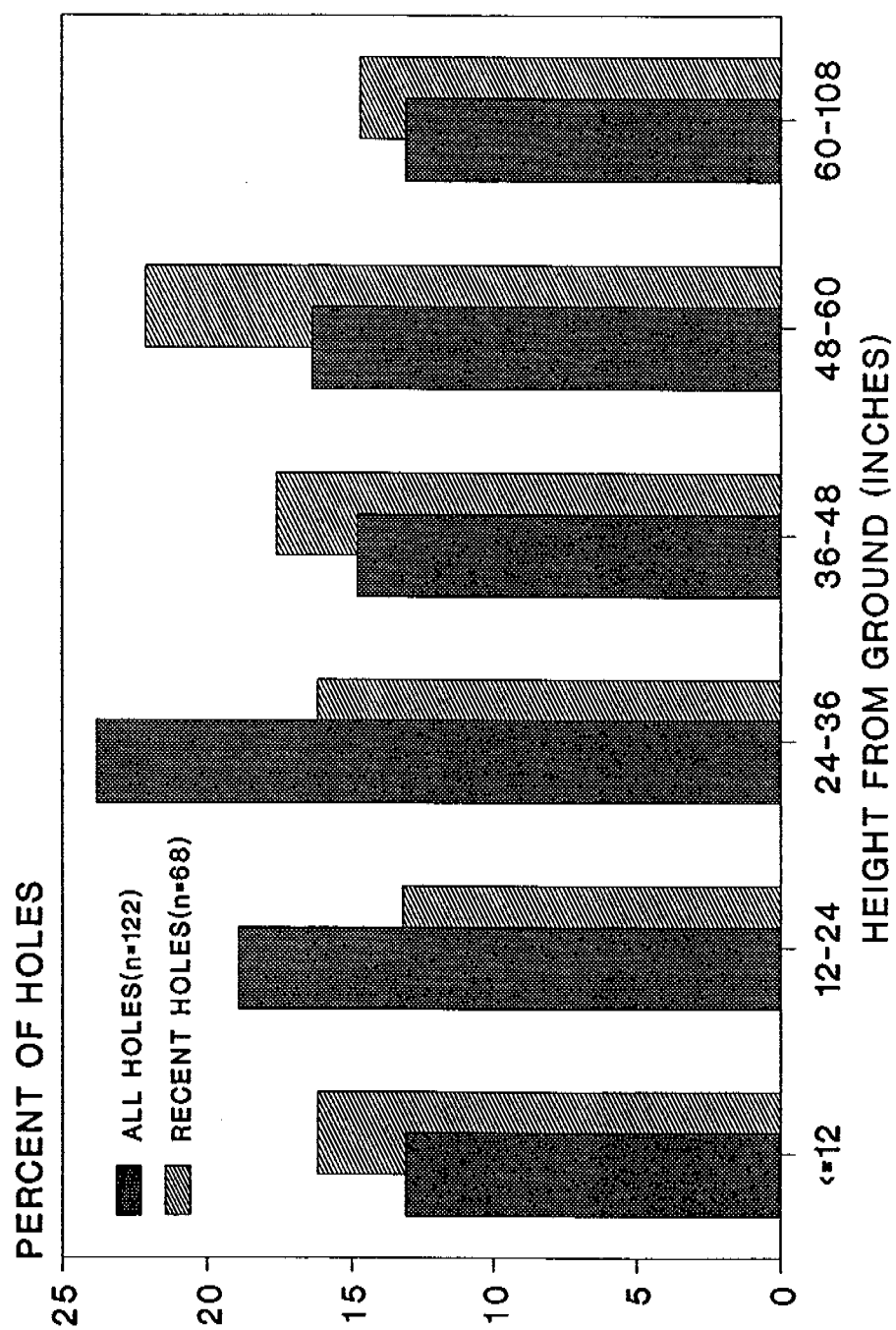


Figure 55. Distribution of the heights of VELB exit holes above the ground.





Figure 56. Sectioned branch with probable VELB gallery damaged by a secondary invasion of other insects, possibly ants (Site #60).

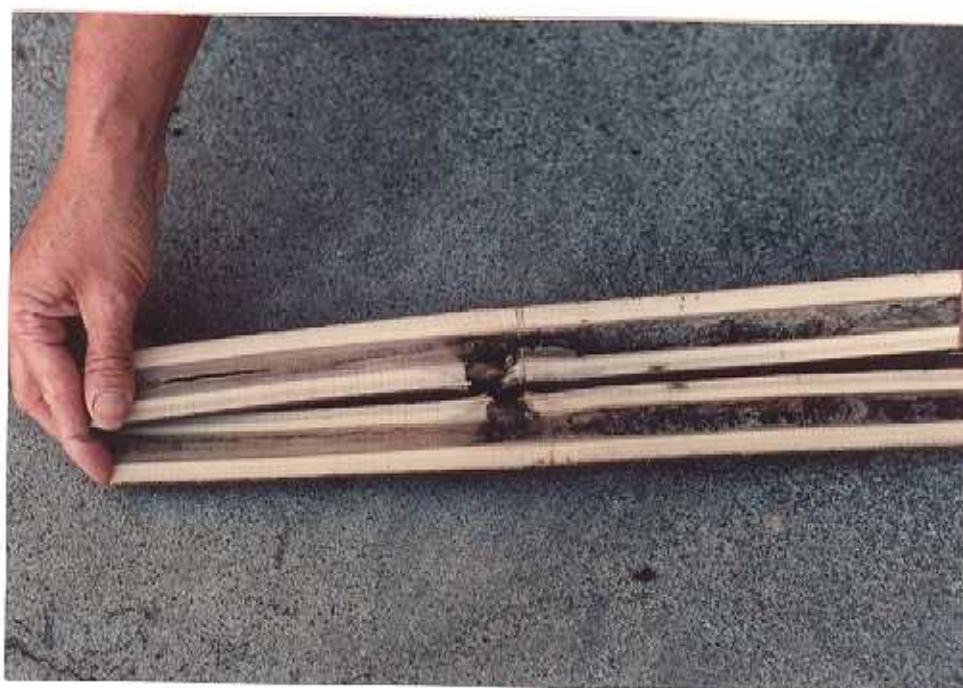


Figure 57. Sectioned branch with probable VELB gallery nearly obliterated by a secondary invasion of other insects (Site #145).



Figure 58. Sectioned old branch with external holes resembling those of the VELB, but without a recognizable VELB gallery; the dead wood was probably mined by carpenter ants (Site #9/10).



Figure 59. Cut stump with tunnels probably created by carpenter ants (Site #15).



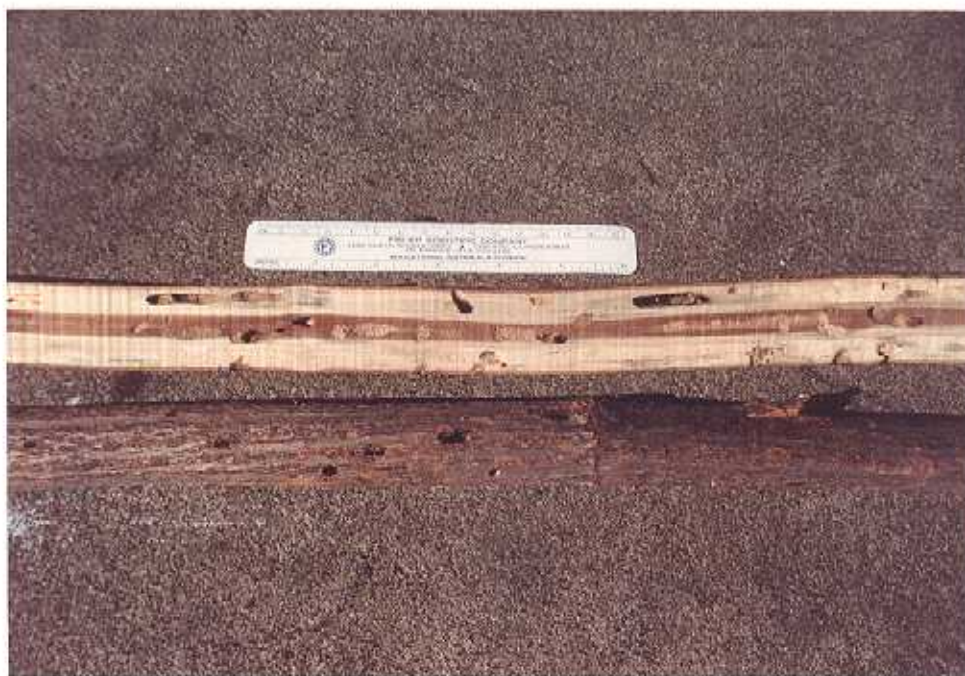


Figure 60. Sectioned branch with galleries and exit holes of bostrichid beetles and termites (Site #6).



Figure 61. Sectioned branch with galleries and exit holes of termites (Site #12).





Figure 62. An adult female VELB was captured on 21 April 1991 on this *Sambucus racemosa* var. *microbotrys* at the Campbell-Moreland Ditch (tributary Tule River) near Porterville, Tulare Co. (Site #15).



Figure 63. Dead adult male VELB in exit tunnel, 30 April 1991, near Lane Slough (tributary Kaweah River) north of Exeter, Tulare Co. (Site #32).



Figure 64. Clump of *Sambucus mexicana* with dead male VELB and numerous exit holes, near Lane Slough (tributary Kaweah River) north of Exeter, Tulare Co. (Site #32).





Figure 65. An adult male VELB was captured on 15 May 1991 on this *Sambucus mexicana* near the Mokelumne River north of Clements, San Joaquin Co. (Site #72).



Figure 66. Mating pair of *Desmocerus californicus dimorphus* captured separately near the Mokelumne River north of Clements, San Joaquin Co., 15 May 1991 (Site #72); they began mating in captivity after being placed together.